

In the Claims

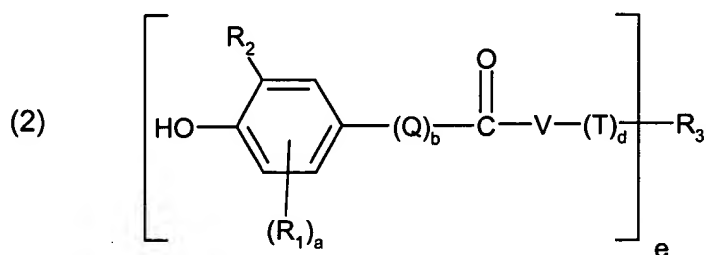
1-32. (canceled)

33. (currently amended) A method of preventing photooxidation and autoxidation processes in

body-care products selected from body oils, body lotions, body gels, treatment creams, skin powders, skin protection ointments, shaving preparations, bath and shower additives, scents, perfumes, toilet waters, shaving lotions, ~~hair care products selected from~~ agents for styling and treating hair, perming agents, hair sprays and lacquers, hair dyeing or bleaching agents, dentifrices, deodorizing and antiperspirant preparations, decorative preparations, light protection formulations, ~~and preparations containing active ingredients selected from~~ hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations,

or in household products selected from shoe polishes, polishing waxes, floor detergents and polishes, metal, glass and ceramic cleaners, textile care agents, agents for removing rust, color and stains[.]] and furniture and multipurpose polishes,

which method comprises incorporating into said body-care or household products one or more phenolic antioxidants of formula



wherein in formula (2),

R_1 and R_2 are the tert-butyl radical;

Q is $-C_mH_{2m}-[[:]]$ or $-CH-$
 $\quad\quad\quad |$
 $\quad\quad\quad C_mH_{2m+1}$

T is $-C_nH_{2n}-$;

V is $-O-[[:]]$ or $-NH-$;

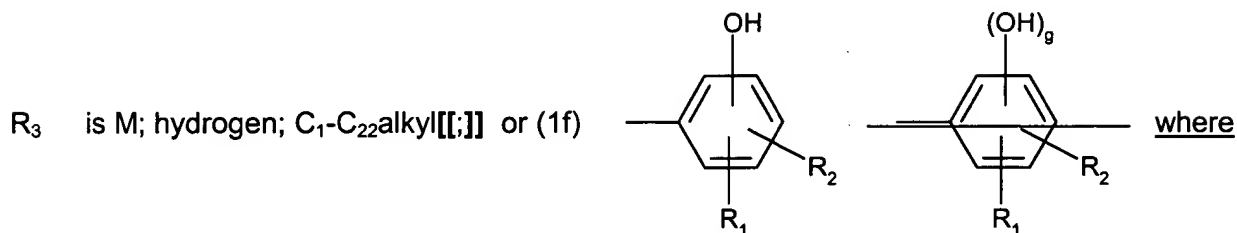
a is 1;

b and d are each independently of one another 0[[:]] or 1;

e is an integer from 1 to 4;

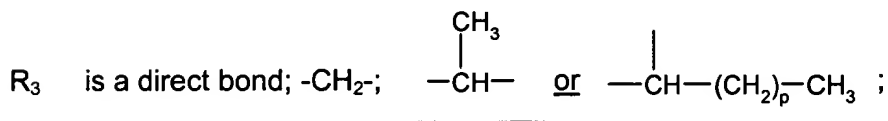
m_1 and n and p are each independently of one another an integer from 1 to 3;

if $e = 1$, then

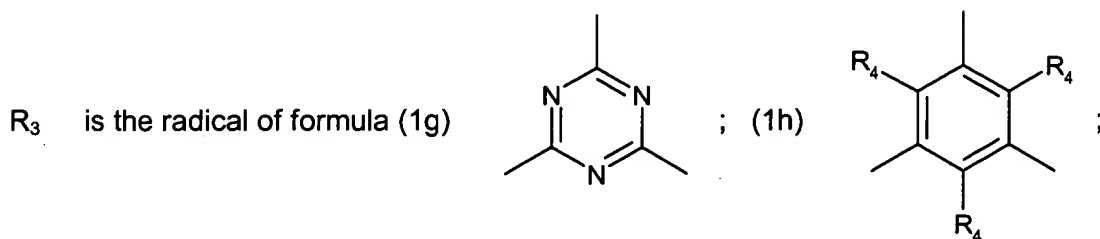


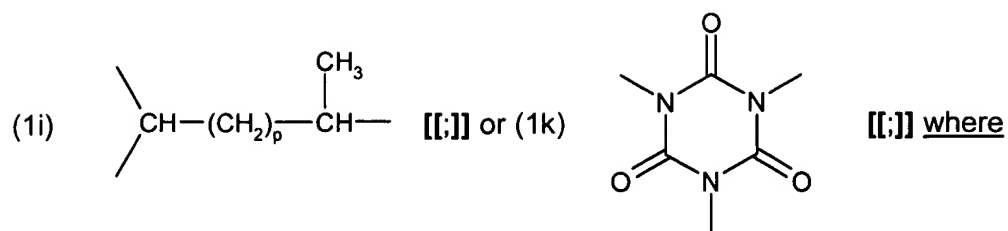
M is alkali[[:]] or ammonium;

if $e = 2$, then



if $e = 3$, then

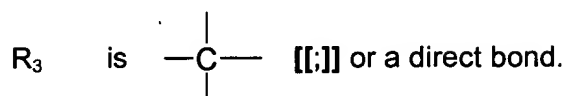




R₄ is hydrogen or C₁-C₂₂alkyl;

and

if e = 4, then



34. (canceled)

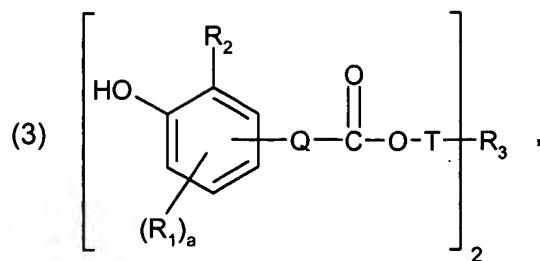
35. (previously presented) A method according claim 33, wherein Q is a methylene or ethylene radical.

36. (previously presented) A method according to claim 33, wherein V is -O-.

37. (canceled)

38-41. (canceled)

42. (currently amended) A method according to claim 33 $[[40]]$, which comprises incorporating an antioxidant of formula



wherein

R_1 and R_2 are the tert-butyl radical;

Q is $-C_mH_{2m}-$;

R_3 is a direct bond[[:]] or ;

a is 1;

m is 1 to 3;

T is $-C_nH_{2n}-[[:]]$ and

n is an integer from 1 to 3.

43. (currently amended) A method according to claim 42, wherein the antioxidant is a compound of formula (3), wherein

Q is ethylene[[:]] and

R_3 is a direct bond[[:]] and

R_1 , R_2 , T and a are as defined in claim 42.

44- 46. (canceled)

47. (previously presented) A method according to claim 33, which comprises incorporating the phenolic antioxidants of formula (2) as individual compounds or as a mixture of several individual compounds.

48. (previously presented) A method according to claim **33**, which comprises incorporating the antioxidant or the sum of the antioxidants in a concentration of 50 to 1000 ppm.

49. (previously presented) A method according to claim **33**, which comprises incorporating the antioxidants together with tocopherol and/or tocopherol acetate.

50-53. (canceled)

54. (previously presented) A method according to claim **33** in which the body-care products are for the skin and its adnexa.

55. (currently amended) A method according to claim **54**, wherein the body-care products are selected from skin-care products, bath ~~or~~ shower additives, preparations containing fragrances ~~and~~ odoriferous substances, hair-care products, dentifrices, deodorising ~~and~~ antiperspirant preparations, decorative preparations, light protection formulations and preparations containing active ingredients.

56. (previously presented) A method according to claim **55**, wherein the skin-care products are selected from body oils, body lotions, body gels, treatment creams, skin protection ointments, shaving preparations and skin powders.

57. (currently amended) A method according to claim **55**, wherein the preparations containing fragrances ~~and odoriferous~~ substances are selected from scents, perfumes, toilet waters and shaving lotions.

58. (currently amended) A method according to claim **55**, wherein the hair-care products are selected from shampoos, hair conditioners, agents for styling or~~and~~ treating hair, perming agents, hair sprays or~~and~~ lacquers and hair dyeing or bleaching agents.

59. (currently amended) A method according to claim **55**, wherein the decorative preparations are selected from lipsticks, nail varnishes, eye shadows, mascara, dry or~~and~~ moist make-up, rouge, powders, depilatory agents and suntan lotions.

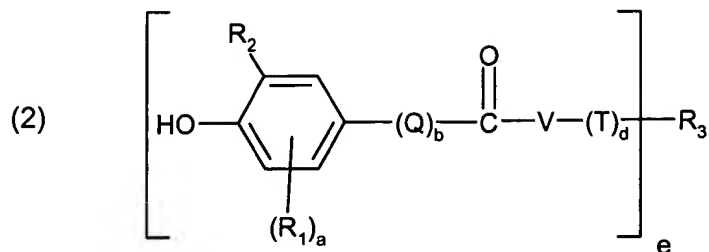
60. (currently amended) A method according to claim **55**, wherein the preparations containing active ingredients~~containing cosmetic formulations~~ are selected from hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations.

61. (currently amended) A method of preparation of

body-care products selected from body oils, body lotions, body gels, treatment creams, skin powders, skin protection ointments, shaving preparations, bath or~~and~~ shower additives, scents, perfumes, toilet waters, shaving lotions, ~~hair-care products selected from~~ agents for styling or~~and~~ treating hair, perming agents, hair sprays or~~and~~ lacquers, hair dyeing or bleaching agents, dentifrices, deodorizing or~~and~~ antiperspirant preparations, decorative preparations, light protection formulations, ~~and preparations containing active ingredients selected from~~ hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations,

or household products selected from shoe polishes, polishing waxes, floor detergents or~~and~~ polishes, metal, glass or~~and~~ ceramic cleaners, textile care agents, agents for removing rust, color or~~and~~ stains~~[[,]]~~ and furniture or~~and~~ multipurpose polishes, ~~and household products~~

which method comprises incorporating into said body-care or household products~~cleaning and treating agent a~~ one or more phenolic antioxidants of formula



wherein in formula (2),

R_1 and R_2 are the tert-butyl radical;

Q is $-\text{C}_m\text{H}_{2m}-$;

T is $-\text{C}_n\text{H}_{2n}-$;

V is $-\text{O}-[\text{;}]$ or $-\text{NH}-$;

a is 1;

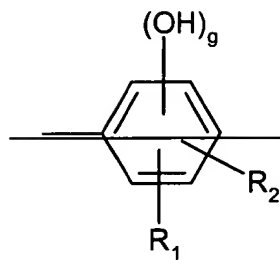
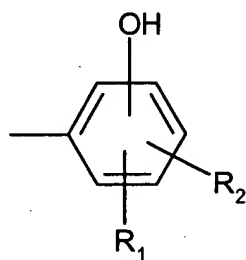
b and d are each independently of one another 0 $[\text{;}]$ or 1;

e is an integer from 1 to 4;

m , n and p are each independently of one another an integer from 1 to 3;

if $e = 1$, then

R_3 is M; hydrogen; $\text{C}_1\text{-C}_{22}\text{alkyl}[\text{;}]$ or (1f)



and where

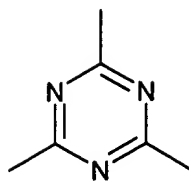
M is alkali; ammonium;

if $e = 2$, then

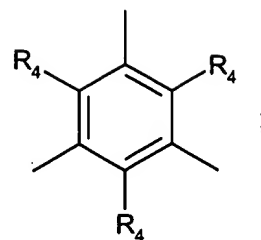
R_3 is a direct bond; $-\text{CH}_2-$; $\begin{array}{c} \text{CH}_3 \\ | \\ -\text{CH}- \end{array}$ or $-\text{CH}-(\text{CH}_2)_p-\text{CH}_3$;

if $e = 3$, then

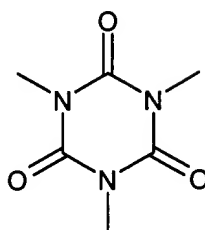
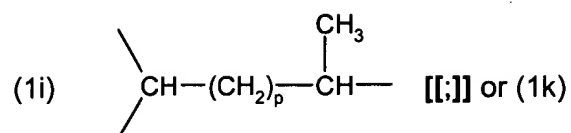
R₃ is the radical of formula (1g)



; (1h)



;

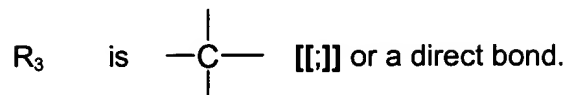


[(;)] where

R₄ is hydrogen or C₁-C₂₂alkyl;

and

if e = 4, then



62. (canceled)

63. (previously presented) A body-care composition, which comprises at least one phenolic antioxidant as defined in claim 33 and a cosmetically acceptable adjuvant.

64. (previously presented) A household cleaning and treating agent, which comprises a phenolic antioxidant as defined in claim 33.